


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the matter of Example 2 in European Patent No. 0 991 303 in the German  
Language,

I, Dr. Ansgar HAKVOORT, Dr. rer. nat. Dipl.-Phys., German patent attorney, do  
solemnly and sincerely declare:

1. That I am a citizen of Germany.
2. That I am well acquainted with the German and English languages and  
am a competent translator thereof.
3. That the following is to the best of my knowledge and belief a true and  
correct translation of Example 2 of EP 0 991 303 and the Official  
Certificate attached thereto

Dated this 8<sup>th</sup> <sup>March</sup> day of ~~January~~ 2010

  
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Dr. Ansgar Hakvoort

### Example 2

#### *Preparation of the 3,4-Polyethylenedioxythiophene/polystyrenesulfonate Dispersion (PEDT/PSS 1:8)*

*20 g of free polystyrenesulfonic acid (Mn about 40,000), 6.7 g of potassium peroxodisulfate, and 50 mg of iron(III) sulfate were added to 2000 ml of water while stirring. 2.5 g of 3,4-ethylenedioxythiophene were then added while stirring. The dispersion was stirred at room temperature for 24 hours. Subsequently, 100 g of anion-exchange resin Lewatit® MP 62 (Bayer AG) and 100 g of cation-exchange resin Lewatit® S 100 (Bayer AG), both moist with water, were added and the mixture was stirred for 8 hours.*

*The ion-exchange resins were removed by filtration through a poly-acrylonitrile fabric having a pore size of 50 µm. A dispersion was obtained having a solids content of about 1.1% by weight that was ready to use.*

*The dispersion could easily be filtered through a 0.22 µm filter. The filtered dispersion was used for producing electroluminescent displays.*